GUN LAYING AND POSITIONING SYSTEM PRACTICAL EXERCISE

Problem 1. You are a Gunnery Sergeant of an M198 howitzer (4 gun) battery and have been ordered to prepare the position and orient on AOF 0850. You have been provided SCP data (just location) at the next position area. Set up, orient and prepare to lay the battery.

a. List the following data for the guns: GUN # DEFLECTION DISTANCE 1	VA	GRID COORDINATE (E,N & A)
2		
3		-
4.		
b. Establish direction control in the plato	on area,	select or establish an EOL and prepare the OS survey tag.
UNIT:		AZ of OL:
OSTRA: E:		DISTANCE TO EOL:
N:		DESCRIPITION OF EOL:
A		
	n leader.	here is no location data available at the next position. The Set up, orient and prepare to lay the platoon. GRID COORDINATE (E,N & A)
4.		
b. Establish direction control in the plato	on area,	select or establish an EOL and prepare the OS survey tag.
UNIT:		17.00
OSTRA: E:		AZ of OL:
N:		AZ of OL: DISTANCE TO EOL:
N.		
A A		DISTANCE TO EOL:

Problem 3. You are gunnery sergeant of an M119A1 howitzer battery. Your battery has been instructed to occupy a position and orient on an AOF of 0430. The position you are going to occupy has established OSTRA data (OS, OL & EOL).

UNIT	·:			AZ of OL:
OSTR E:	A:			DISTANCE TO EOL:
N:				DESCRIPITION OF EOL:
A				
	the following info	ormation for guns: DISTANCE	VA	GRID COORDINATE (E,N & A)
2				
3				
4				
5				
6				
whi		store as reference p		rve two prominent reference points from your position r future positioning requirements. The points are and store them as Grid (UTM/UPS)
#1				
#2				
platoon coordinates a. List t GUN#	on AOF 1250. Du ate to a visible kn	over movement own point that you and armation for the gu	ent briefi can obs the loca	nowitzer platoon. Set up, orient and prepare to lay the ing the platoon leader provides you with a grid serve from your next position area. The point is the tion data is GRID COORDINATE (E,N & A)
1				
2				
3				
4				
b. Wh	at is your OS pos	ition? (easting, no	rhting &	altitude)
E		N		ALT

Problem 5 . You are a gunnery sergeant of an M1092 Point 1 is visible and within 2,000 meters of your loc a. List the following information for the guns:	ation. Set up, orient and prepare to lay the platoon.
GUN# DEFLECTION DISTANCE VA 1	GRID COORDINATE (E,N & A)
2	
3	
4	
b. Establish direction control in the platoon area, se	elect or establish an EOL and prepare the OS survey tag.
UNIT:	AZ of OL:
OSTRA: E:	DISTANCE TO EOL:
N:	DESCRIPITION OF EOL:
A	
orient the battery on AOF 1720. After a map recon y position or visible from the position. Set up, orient are a. List the following information for the guns: GUN# DEFLECTION DISTANCE VA 1	
b. Establish direction control in the platoon area, se	elect or establish an EOL and prepare the OS survey tag.
UNIT:	AZ of OL:
OSTRA: E:	DISTANCE TO EOL:
N:	DESCRIPITION OF EOL:
A	

position you discover that	the survey contro survey section, ar	ol is not a	All howitzer battery. During your preparation of the reliable, your PLGR has waypoints stored on it from data an identify a visible known point on the ground that you F 0950.
a. List the following infor GUN# DEFLECTION 1		vA	GRID COORDINATE (E,N & A)
2			
3			
4			
5			
6b. Establish direction co	ntrol in the plato	on area.	select or establish an EOL and prepare the OS survey tag.
UNIT:	Paris Paris	344, 1	AZ of OL:
OSTRA: E:			DISTANCE TO EOL:
N:			DESCRIPITION OF EOL:
A			
orient and prepare to lay to data available. a. List the following infor GUN # DEFLECTION 1	he platoon on an	AOF of	howitzer battery. You have been instructed to set up, 6250. The position you are about to occupy has no survey GRID COORDINATE (E,N & A)
2			
4			
	ntrol in the platoc	on area, s	select or establish an EOL and prepare the OS survey tag.
			AZ of OL:
UNIT:			AZ 01 OL.
UNIT: OSTRA: E:			DISTANCE TO EOL:
OSTRA:			

Problem 9. You are a gunnery sergeant of an M109A5 platoon. Your AOF is 0300. A map recon has identified that Reference Point #2 is visible and within 2,500 meters of your location. Set up, orient and prepare to lay the platoon.

a. List the following in GUN# DEFLECTION	Iformation for the g	vA VA	GRID COORDINATE (E,N & A)
. Establish direction	control in the plato	oon area, s	select or establish an EOL and prepare the OS survey tag.
UNIT:			AZ of OL:
OSTRA: E:			DISTANCE TO EOL:
N:			DESCRIPITION OF EOL:
A			
OF 1600. You have	been provided with	an SCP f	19 howitzer battery and have been ordered to lay on for location control in your next position and the grid is
Set up, orient and preparations the following in GUN # DEFLECTION	been provided with are to lay the platoo formation for the g	an SCP f	
AOF 1600. You have Set up, orient and preparations the following in GUN # DEFLECTION	been provided with are to lay the platoo formation for the g	an SCP f	For location control in your next position and the grid is
Set up, orient and preparations of the control of t	been provided with are to lay the platoo formation for the g	an SCP f	For location control in your next position and the grid is
Set up, orient and preparations of the following in GUN # DEFLECTION	been provided with are to lay the platoo formation for the g	an SCP f	For location control in your next position and the grid is
	been provided with are to lay the platoo formation for the g	an SCP f	For location control in your next position and the grid is
AOF 1600. You have Set up, orient and preparations and preparations and preparations are set of the	been provided with are to lay the platoo formation for the g	an SCP f	For location control in your next position and the grid is
AOF 1600. You have Set up, orient and preparation in the following in GUN# DEFLECTION DEF	been provided with are to lay the platoo formation for the g N DISTANCE	an SCP f	For location control in your next position and the grid is
AOF 1600. You have Set up, orient and preparations the following in GUN# DEFLECTION 2	been provided with are to lay the platoo formation for the g N DISTANCE	an SCP f	GRID COORDINATE (E,N & A)
AOF 1600. You have Set up, orient and preport and prep	been provided with are to lay the platoo formation for the g N DISTANCE	an SCP f	GRID COORDINATE (E,N & A) Select or establish an EOL and prepare the OS survey tag.
AOF 1600. You have Set up, orient and preport. List the following in GUN # DEFLECTION 2 3 4 5 C. Establish direction UNIT: OSTRA:	been provided with are to lay the platoo formation for the g N DISTANCE	an SCP f	GRID COORDINATE (E,N & A) GRID COORDINATE (E,N & A) Select or establish an EOL and prepare the OS survey tag. AZ of OL: